

This listing of claims replaces all prior versions, and listings, of claims in the application.

In the claims:

The following is a complete listing of the claims pending in the application, as amended:

1. (currently amended) An isolated polypeptide ~~which that~~ is immunoreactive with an antibody that is ~~itself also~~ immunoreactive with human prostatic acid phosphatase (PAP) selected from:

a) an amino acid sequence of SEQ ID NO:2; and

b) a variant having at least 90% identity to the amino acid sequence of a).

~~comprising an amino acid sequence presented as SEQ ID NO:2, including conservative amino acid substitutions that do not alter the sequence by more than 10%~~

Claims 2-22 (cancelled)

23. (currently amended; withdrawn) A method of inducing an immune response against human prostatic acid phosphatase (PAP) in a mammalian subject, comprising administering to the subject an immunogenic dosage of a composition comprising an isolated polypeptide of claim 1. ~~a xenogenic form of PAP from a different mammalian species which is immunoreactive with an antibody that is itself immunoreactive with human PAP, wherein said xenogenic form of PAP has at least 90% sequence identity to SEQ ID NO:2.~~

24. (currently amended; withdrawn) The method of claim 23 wherein said isolated polypeptide ~~xenogenic form of PAP~~ is mouse PAP.

25. (currently amended; withdrawn) The method of claim 23 wherein the mouse PAP has ~~consists of~~ the amino acid sequence set forth as SEQ ID NO:2.

26. (currently amended; withdrawn) The method of claim 23 wherein said isolated polypeptide ~~xenogenic form of PAP~~ is produced in insect cells.